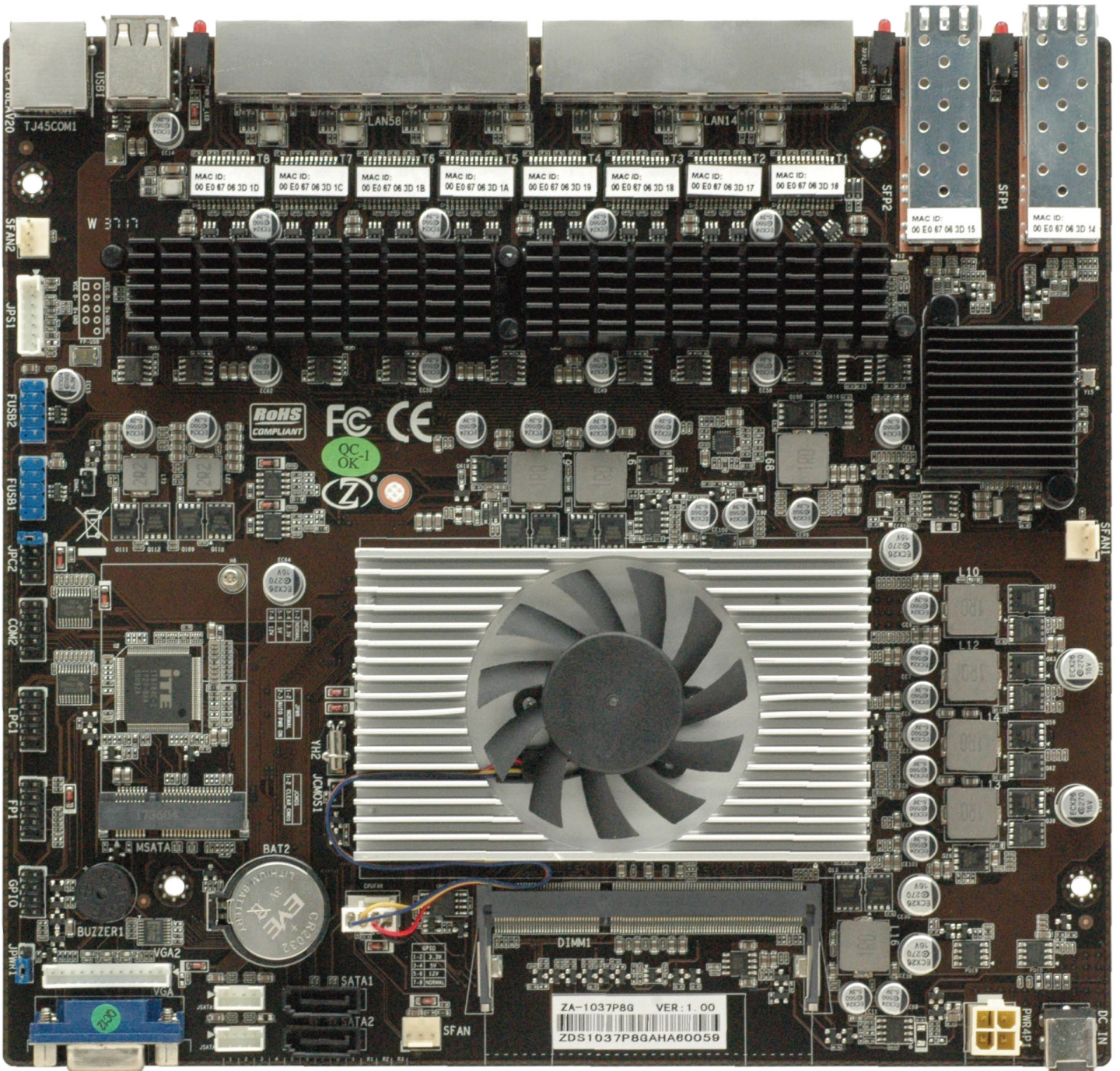


ZA-1037P8G Motherboard

User Manual

Support Intel® Celeron® Intel 1037U 1.80GHz Processor

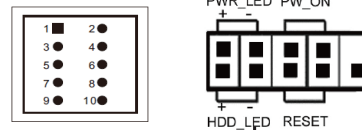
ZA-1037P8G Motherboard Diagram



Motherboard Specification

Size	230mm x 212.3mm
CPU	Support Intel Celeron Intel 1037U 1.80GHz Processor
Graphics	Intel HD Graphics
Chipset	Intel 1037U
Memory	1*DDR3 Slot ,1066/1333/1600MHz memory,Up to 16GB
Internal I/O	1*CPUFAN 3*SYSFAN 1*JPS1 Pin 2*USB PIN,support 4* USB2.0 1*JPC2 Pin 1*COM 1*Front panel Pin 1*GPIO Pin 2*JSATA 2*SATA 1*2x2 PIN Power Socket 1*1X12PIN VGA
Rear I/O	1*RJ45 COM1 8*LAN 2*USB2.0 1*VGA 2*Intel 82599ES 10 Gigabit Ethernet Controller Gigabit Fiber
BIOS AMI	AMIBIOS,64M bit Flash Memory
MINI_PCIE	1*Support MSATA 1*Support WiFi
Expansion	2*DDR3 Slot,11*MSATA
LAN	8*LAN WG 82574L 10/100/1000M ethernet ports 2*Gigabit optical interface
Audio	ALC662 Dual Channel Output
Operating System	WindowsXP Windows7 Windows8 Linux
H/W Monitoring	Walk in LAN System Power Management Temperature Management Voltage Management
Humidity	0% ~ 95% (Relative Humidity,No Condensation)
Temp	-10°C ~ 55°C

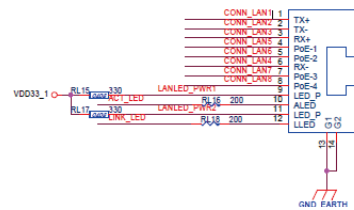
FP1



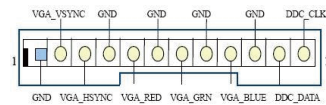
Pin	Define	Pin	Define
1	HDD LED+	2	PWR LED+
3	HDD LED-	4	GND
5	GND	6	P_SWIN
7	RESET_GND	8	GND
9	GND		

HDD Active LED:1,3 Power Button:6,8
Power LED:2,4 Reset Button:5,7

LAN1-8

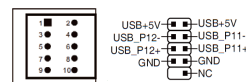


VGA



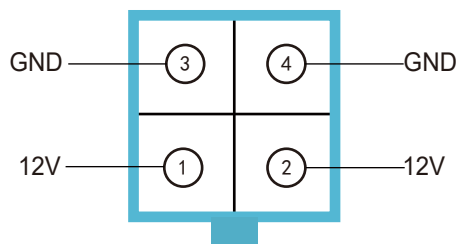
Pin	Define	Pin	Define
1	GND	2	VGA_VSYNC
3	VGA_HSYNC	4	GND
5	VGA_RED	6	GND
7	VGA_GRN	8	GND
9	VGA_BULE	10	GND
11	DDC_DATA	12	DDC_CLK

FUSB1



Pin	Define	Pin	Define
1	VCC	2	VCC
3	DATA 0-	4	DATA1-
5	DATA0+	6	DATA1+
7	GND	8	GND
9	NC(CUT)	10	GND

DC1



Pin	Define	Pin	Define
1	12V	2	12V
3	GND	4	GND

*Other Matters Please consult the sales.